

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	nat with (nucleic adj acid adj amplification)	USPAT	OR	OFF	2006/09/15 21:06
S2	1610	(nucleic adj acid adj amplification) and immunoassay	USPAT	OR	OFF	2006/09/15 21:08
S3	1	("6924107").PN.	USPAT; USOCR	OR	OFF	2006/09/15 21:07
S4	14	(nucleic adj acid adj amplification) with immunoassay	USPAT	OR	OFF	2006/09/15 21:11
S5	1	S4 and (biochip or chip or microfluidic)	USPAT	OR	OFF	2006/09/15 21:11
S6	71	(nucleic adj acid adj amplification) same immunoassay	USPAT	OR	OFF	2006/09/15 21:13
S7	42	S6 and (biochip or chip or microfluidic)	USPAT	OR	OFF	2006/09/15 21:15
S8	38	S7 not @ay> "2002"	USPAT	OR	OFF	2006/09/15 21:14
S9	6	S8 and detector	USPAT	OR	OFF	2006/09/15 21:13
S10	1610	(nucleic adj acid adj amplification) and immunoassay	USPAT	OR	OFF	2006/09/15 21:14
S11	6	S9 and detector	USPAT	OR	OFF	2006/09/15 21:14
S12	6	S11 not @ay> "2002"	USPAT	OR	OFF	2006/09/15 21:14
S13	3232	(nucleic adj acid adj amplification) and antibody	USPAT	OR	OFF	2006/09/15 21:15
S14	517	S13 and detector	USPAT	OR	OFF	2006/09/15 21:14
S15	499	S14 not @ay> "2002"	USPAT	OR	OFF	2006/09/15 21:14
S16	235	S15 and (biochip or chip or microfluidic)	USPAT	OR	OFF	2006/09/15 21:15
S17	13	S16 and (antibody with detector)	USPAT	OR	OFF	2006/09/15 21:48

S18	512	(chip or biochip or microfluidic) with (immobilized with antibody or antigen)	USPAT	OR	ON	2006/09/15 21:49
S19	488	(chip or biochip) with (immobilized with antibody or antigen)	USPAT	OR	ON	2006/09/15 21:56
S20	207	(chip or biochip) with (immobilized with (antibody or antigen))	USPAT	OR	ON	2006/09/15 21:49
S21	195	S20 not @ay> "2002"	USPAT	OR	ON	2006/09/15 21:50
S22	144	S21 and filter	USPAT	OR	ON	2006/09/15 21:50
S23	21	S22 and valve	USPAT	OR	ON	2006/09/15 21:51
S24	3	S23 and funnel	USPAT	OR	ON	2006/09/15 21:50
S25	0	S24 and seal	USPAT	OR	ON	2006/09/15 21:50
S26	18	S23 not S24	USPAT	OR	ON	2006/09/15 21:51
S27	2	(chip or biochip) with filter with funnel	USPAT	OR	ON	2006/09/15 21:56
S28	6	(chip or biochip or microfluidic) with filter same funnel	USPAT	OR	ON	2006/09/15 22:02
S29	4	S28 not S27	USPAT	OR	ON	2006/09/15 21:56
S30	598	(chip or biochip or microfluidic) and (filter same funnel)	USPAT	OR	ON	2006/09/15 22:08
S31	244	S30 and (dna or protein or antibody or assay)	USPAT	OR	ON	2006/09/15 22:08
S32	106	S31 and (filter with funnel)	USPAT	OR	ON	2006/09/15 22:07
S33	138	S31 not S32	USPAT	OR	ON	2006/09/15 22:07
S34	2074	(chip or biochip or microfluidic) and (filter and funnel)	USPAT	OR	ON	2006/09/15 22:22
S35	738	S34 and (dna or protein or antibody or assay)	USPAT	OR	ON	2006/09/15 22:08
S36	24	(chip or biochip or microfluidic) and (filter with outlet) and (funnel with outlet)	USPAT	OR	ON	2006/09/16 11:47

S37	18	(chip or biochip or microfluidic) and (filter with port) and (funnel with port)	USPAT	OR	ON	2006/09/16 11:48
S38	207	(chip or biochip) with (immobilized with (antibody or antigen))	USPAT	OR	ON	2006/09/16 11:47
S39	195	S38 not @ay> "2002"	USPAT	OR	ON	2006/09/16 11:47
S40	144	S39 and filter	USPAT	OR	ON	2006/09/16 11:47
S41	21	S40 and valve	USPAT	OR	ON	2006/09/16 11:47
S42	3	S41 and funnel	USPAT	OR	ON	2006/09/16 11:47
S43	18	S41 not S42	USPAT	OR	ON	2006/09/16 11:48
S44	18	S37 not S43	USPAT	OR	ON	2006/09/16 11:48
S45	61	(chip or biochip or microfluidic) and (filter same funnel same (port or outlet))	USPAT	OR	ON	2006/09/16 11:52
S46	7	S45 and (dna or nucleic or antibody)	USPAT	OR	ON	2006/09/16 11:49
S47	37	(chip or biochip or microfluidic) and (filter same funnel same (port or outlet))	US-PGPUB	OR	ON	2006/09/16 11:55
S48	22	S47 not @ay> "2002"	US-PGPUB	OR	ON	2006/09/16 11:56
S49	2408	(chip or biochip or microfluidic) and (filter with (port or outlet))	US-PGPUB	OR	ON	2006/09/16 11:56
S50	253	S49 and (dna or nucleic or antibody)	US-PGPUB; USPAT	OR	ON	2006/09/16 11:56
S51	770	(chip or biochip or microfluidic) and (filter with (outlet))	US-PGPUB	OR	ON	2006/09/16 12:52
S52	141	S51 and (dna or nucleic or antibody)	US-PGPUB; USPAT	OR	ON	2006/09/16 11:56
S53	47	S52 not @ay> "2002"	US-PGPUB	OR	ON	2006/09/16 13:00
S54	14	S53 and funnel	US-PGPUB	OR	ON	2006/09/16 12:03
S55	1371	(chip or biochip or microfluidic) with (array or microarray) with immobilized	US-PGPUB	OR	ON	2006/09/16 13:09

S56	1368	S55 and (dna or nucleic or antibody)	US-PGPUB	OR	ON	2006/09/16 13:09
S57	401	S56 and valve	US-PGPUB	OR	ON	2006/09/16 12:59
S58	1	("6924107").PN.	USPAT; USOCR	OR	OFF	2006/09/16 12:58
S59	106	S57 and (cover or lid)	US-PGPUB	OR	ON	2006/09/16 12:59
S60	49	S59 not @ay> "2002"	US-PGPUB	OR	ON	2006/09/16 13:08
S61	256	S57 not @ay> "2002"	US-PGPUB	OR	ON	2006/09/16 13:16
S62	329	(chip or biochip or microfluidic) with (array or microarray) with immobilized	USPAT	OR	ON	2006/09/16 13:09
S63	0	S62 and (dna or nucleic or antibody)	US-PGPUB	OR	ON	2006/09/16 13:10
S64	327	S62 and (dna or nucleic or antibody)	USPAT	OR	ON	2006/09/16 13:10
S65	95	S64 and valve	USPAT	OR	ON	2006/09/16 13:10
S66	307	S64 not @ay> "2002"	USPAT	OR	ON	2006/09/16 13:41
S67	1	("6020209").PN.	USPAT; USOCR	OR	OFF	2006/09/16 14:09
S68	1	("5624392").PN.	USPAT; USOCR	OR	OFF	2006/09/16 14:54
S69	7	chien-david.in.	US-PGPUB; USPAT	OR	OFF	2006/09/16 14:55
S70	25	chien-david-y.in.	US-PGPUB; USPAT	OR	OFF	2006/09/16 14:55
S71	25	S70 not S69	US-PGPUB; USPAT	OR	OFF	2006/09/16 14:56
S72	3	phelps-bruce-h.in.	US-PGPUB; USPAT	OR	OFF	2006/09/16 14:56
S73	0	phelps-bruce.in.	US-PGPUB; USPAT	OR	OFF	2006/09/16 14:56
S74	19	(chip or biochip) with blood with screening	US-PGPUB; USPAT	OR	ON	2007/06/20 00:35
S75	1676	(chip or biochip) and (blood with screening)	US-PGPUB; USPAT	OR	ON	2007/06/20 00:35
S76	42	(chip or biochip) same (blood with screening)	US-PGPUB; USPAT	OR	ON	2007/06/20 00:35
S77	23	S76 not S74	US-PGPUB; USPAT	OR	ON	2007/06/20 00:35

S78	4271	(biochip or microfluidic)	USPAT	OR	OFF	2008/12/06 20:26
S79	7984	chip and assay	USPAT	OR	OFF	2008/12/06 20:26
S80	1252	S78 and S79	USPAT	OR	OFF	2008/12/06 20:26
S81	71	S80 and (gravity with flow)	USPAT	OR	OFF	2008/12/06 20:27
S82	19734	(biochip or microfluidic)	US-PGPUB; USPAT	OR	ON	2008/12/06 20:27
S83	36743	chip and assay	US-PGPUB; USPAT	OR	ON	2008/12/06 20:27
S84	7122	S82 and S83	US-PGPUB; USPAT	OR	ON	2008/12/06 20:27
S85	94	S84 and (gravity with flow)	USPAT	OR	OFF	2008/12/06 20:27
S86	26	S85 and needle	USPAT	OR	OFF	2008/12/06 20:37
S87	2	("2896619").FN.	USPAT; USOCR	OR	OFF	2010/03/22 00:24
S88	1	("4708850").FN.	USPAT; USOCR	OR	OFF	2010/03/22 00:25
S89	1	("5024238").FN.	USPAT; USOCR	OR	OFF	2010/03/22 00:25
S90	1	("5383885").FN.	USPAT; USOCR	OR	OFF	2010/03/22 00:26
S91	1	("5626843").FN.	USPAT; USOCR	OR	OFF	2010/03/22 00:26
S92	1	("6251599").FN.	USPAT; USOCR	OR	OFF	2010/03/22 00:27
S93	0	("2002072084").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 00:38
S94	1	("20020072084").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 00:39
S95	0	("20020209353").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 00:40
S96	0	("200202009353").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 00:40
S97	0	("200200209353").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 00:40

S98	0	("20020209353").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 00:40
S99	1	("20040209353").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 00:40
S100	1	("20050048519").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 00:41
S101	0	(biochip or microfluidic or (assay with device)) and ((flow adj rate) with (equal or "same" or similar or mimic or mimicking) with (normal adj blood adj flow))	US-PGPUB; USPAT	OR	ON	2010/03/22 00:54
S102	0	(biochip or microfluidic or (assay with device)) and ((flow adj rate) with (equal or "same" or similar or mimic or mimicking) with (normal with (blood adj flow)))	US-PGPUB; USPAT	OR	ON	2010/03/22 00:54
S103	3	(biochip or microfluidic or (assay with device)) and ((rate) with (equal or "same" or similar or mimic or mimicking) with (normal with (blood adj flow)))	US-PGPUB; USPAT	OR	ON	2010/03/22 00:55
S104	22	(biochip or microfluidic or (assay with device)) and ((rate) with (equal or "same" or similar or mimic or mimicking) with ((blood adj flow) or circulation))	US-PGPUB; USPAT	OR	ON	2010/03/22 00:56
S105	7	S104 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2010/03/22 00:59
S106	150	((assaying or assay or screening or screening or testing or test) same (biological or antigen or antibody or protein or biomolecule or enzyme)) and ((rate) with (equal or "same" or similar or mimic or mimicking) with ((blood adj flow) or circulation))	US-PGPUB; USPAT	OR	ON	2010/03/22 01:08

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